

Data Sheet for Article: QLIES0600-

DIN-Rail Switch 4xRJ45 + 1xRJ45/SFP + 1xSFP without supply

4 x RJ-45 10/100/1000BASE-T RJ45 ports, 1 x Gigabit Combo (RJ45 / SFP), 1 x 100/1000Base-X SFP Slot, 1 x Terminal Block, input voltage 9VDC-56VDC



SCHRACK-Info

The QLIES0600- Industry Ethernet Switch provides 4 ports 10/100/1000Base plus 2 port Gigabit SFP to enable high speed network at mission-critical environment. With the industrial standard DIN-rail mount; this switch can be easily installed in the cabinet, plus the clearly visible status LEDs provide simple monitoring of port link activity. Moreover, the SFP slots support pluggable modules that enabling you to choose from a variety of transceivers.

Key Features:

- 4 10/100/1000Base-T ports
- 1 Gigabit Combo + 1 Gigabit SFP(100/1G) slot
- 1000 Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex
- Auto-Negotiation, Auto-MDI/MDIX
- -40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail mount installation
- Metal case design and compliant with IP30 standard

SPECIFICATION

System Specifications

Standards & Protocols:

- IEEE 802.3 10-BASE-T, Ethernet

- IEEE 802.3u 100-BASE-TX, Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet
- IEEE 802.3z 1000Base-X Gigabit Ethernet
- IEEE 802.3x Full-duplex Flow Control
- IEEE802.3x Flow Control and Back Pressure

Buffer memory:

1024KB

Plug:

- 4 x RJ-45 10/100/1000BASE-T RJ45 ports
- 1 x Gigabit Combo (RJ45 / SFP)
- 1 x 100/1000Base-X SFP Slot
- 1 x Terminal Block

Button:

- DIP1 On : Port 5 supports TX Copper
- DIP1 Off : Port 5 supports SFP (Default)
- DIP2 : Reserved

Indicator:

- PW1 (Power 1) : Green / PW2 (Power 2) : Green / ERR (Fault) : Amber
- LNK (RJ45) : Green
- SPD : Amber (1000) / Green (100) / Off (10)
- SFP : Green (Link / Active)

Transmission method:

Store-and-Forward

Power consumption:

Power Input: 9-56 VDC Dual power input capable (Redundancy)

Protection:

Polarity Reversal
Overload Current

Power:

Alarm Relay Output 1A @ 24VDC

Backplane (Gbps):

12Gbps

MAC- Address table:

1K

Data rate:

10/100/1000Mbps

Performance**Forwarding rate:**

- 1000Mbps port - 1,488,000pps
- 100Mbps port - 148,000pps
- 10Mbps port - 14,880pps

Jumbo-Frames:

10 K

Environment**Temperatur (°C):**

Operating: - 40°C ~ 75°C

Storage: - 40°C ~ 85°C

Humidity (non-condensing):

Storage: 5% ~ 95%

Operating: 5% ~ 95%

Insert:

Desk, wall and chassis mounted

Physical Specifications**Dimensions (W x D x H):**

40 x 105 x 38 mm

Weight:

720 g

Approval and Compliance**Certification:**

- FCC Part 15 Subpart B Class A
- CE
- VCCI

Security:

EN60950-1

Case:

- EN61000-4-2 (ESD) Level 3
- EN61000-4-3 (RS) Level 3
- EN61000-4-4 (EFT) Level 3
- EN61000-4-5 (Surge) Level 3
- EN61000-4-6 (CS) Level 3
- EN61000-4-8 (Magnetic Field) Level 3
- UL508 (Pending)
- EN 50121-4 (Pending)
- IEC 60068-2-27
- IEC 60068-2-32
- IEC 60068-2-6
- UL 508

Technical Data

Net width (mm)	40,00
Net height (mm)	38,00
Netto depth (mm)	105,00
EAN	4015867188491

Technical Data - continued

Min. ambient temperature (°C)	0
Max. ambient temperature (°C)	70
Product	Ethernet Switch
Speed	10/100/1000Mbps
Ports	6
Mounting	DIN-Rail

Article Table

DESCRIPTION	Order No.
DIN-Rail Switch 4xRJ45 + 1xRJ45/SFP + 1xSFP without supply 4 x RJ-45 10/100/1000BASE-T RJ45 ports, 1 x Gigabit Combo (RJ45 / SFP), 1 x 100/1000Base-X SFP Slot, 1 x Terminal Block, input voltage 9VDC-56VDC	QLIES0600
Optional Accessories	
DIN-rail adapter empty for 1 module (SFA)(SFB), RAL7035 Lightgrey	HSERH010GS
FO-Module SFP 1000BaseSX LC Multimode VCSEL 850nm, 550m for devices of the QL ... Series	QLSFP3001
FO-Module SFP 1000BaseLX LC Singlemode 1310nm, 20km for devices of the QL ... Series	QLSFP3211
FO Splicebox for DIN Rail, 4 Fibers, LC, 50/125µm OM3 RAL7035, incl. Pigtails, incl. couplers, CLASSIC	HSELS043LR
FO Splicebox for DIN Rail, 4 Fibers, LC, 9/125µm OS2 RAL7035, incl. Pigtails, incl. couplers, CLASSIC	HSELS049LR
Industrial power supply, 24VDC, 60W, DIN-Rail	QLPOW2420
Industrial power supply, 24VDC, 75W, DIN-Rail	QLPOW2430
Industrial power supply, 24VDC, 120W, DIN-Rail	QLPOW2440
Industrial power supply, 48VDC, 480W, DIN-Rail PoE Ready	QLPOW4860
Industrial power supply, 48VDC, 120W, DIN-Rail PoE Ready	QLPOW4840
Industrial power supply, 24VDC, 30W, DIN-Rail	QLPOW2410
Power Supply, 110V-240VAC 50/60Hz ; 48VDC/1.35A, 64,8W	QLPOW4801